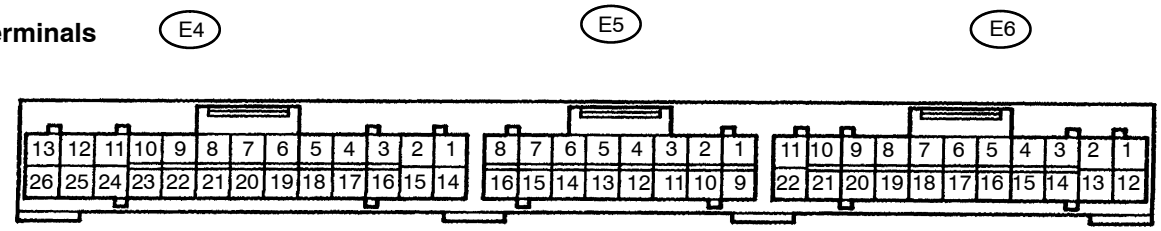
DI31M–04

TERMINALS OF ECU

Engine ECU Terminals



P19559

Symbols (Terminal No.)	Wiring Color	Condition	STD Voltage (V)
+BF (E6–1) – E1 (E4–14)	Y – BR	Always	9 – 14
+BG (E6–12) – E1 (E4–14)	R–L – BR	IG switch ON	9 – 14
VC (E5–1) – E2 (E5–9)	B – G–R	IG switch ON	4.5 – 5.5
VA (E5–11) – E2 (E5–9)	B–L – G–R	Accelerator pedal fully closed	0.3 – 0.8
		Accelerator pedal fully opened	2.9 – 4.9
IDL (E5–12) – E2 (E5–9)	B–R – G–R	Accelerator pedal fully closed	9 – 14
		Accelerator pedal fully opened	0 – 3
PIM (E5–2) – E2 (E5–9)	B–Y – G–R	Apply vacuum 40 kPa (300 mmHg, 11.8 in.Hg)	1.3 – 1.9
		Apply vacuum 69 kPa (1,000 mmHg, 39.4 in.Hg)	3.2 – 3.8
THA (E5–3) – E2 (E5–9)	P–L – G–R	Idling, Air intake temp. 0°C (32°F) to 60°C (140°F)	0.5 – 3.4
THW (E5–4) – E2 (E5–9)	P – G–R	Idling, Engine coolant temp. 60°C (140°F) to 120°C (248°F)	0.2 – 1.0
THF (E5–5) – E2 (E5–9)	LG–B – G–R	IG switch ON (at engine cold)	0.5 – 3.4
STA (E6–11) – E1 (E4–14)	V–Y – BR	Cranking	6.0 or more
TDC+ (E4–5) – TDC– (E4–18)	R – G	Idling	Pulse generation (See page DI–19)
NE+ (E4–4) – NE– (E4–17)	W – B	Idling	Pulse generation (See page DI–19)
SPD (E6–9) – E1 (E4–14)	G–O – BR	IG switch ON, Rotate driving wheel slowly	Pulse generation (See page DI–39)
TCV (E4–12) – E01 (E4–13)	G–B – BR	IG switch ON	9 – 14
		Idling	Pulse generation (See page DI–22)
S/TH1 (E4–10) – E01 (E4–13)	GR – BR	VSV OFF (idling)	9 – 14
		VSV ON (after IG switch OFF for 2 sec.)	0 – 3
S/TH2 (E4–9) – E01 (E4–13)	G–Y – BR	VSV OFF (idling)	9 – 14
		VSV ON (after IG switch OFF for 2 sec.)	0 – 3
MREL (E6–3) – E1 (E4–14)	L–O – BR	IG switch ON	9 – 14
		after IG switch OFF for 2 sec.or more	0 – 1.5
IGSW (E6–14) – E1 (E4–14)	B–W – BR	IG switch ON	9 – 14
TAC (E6–18) – E1 (E4–14)	B – BR	Idling	Pulse generation
W (E6–5) – E1 (E4–14)	P – BR	Check engine warning light lights up	0 – 3
		Except check engine warning light lights up	9 – 14
GIND (E6–7) – E01 (E4–13)	R–W – BR	Glow indicator light lights up	0 – 3
		Except glow indicator light lights up	9 – 14
SVR (E6–13) – E01 (E4–13)	L–B – BR	IG switch ON	0 – 1.5
TE1 (E5–15) – E1 (E4–14)	G–Y – BR	IG switch ON	9 – 14

SREL (E6–2) – E01 (E4–13)	B–R – BR	Cranking	9 – 14
SPV (E4–11) – E01 (E4–13)	R–B – BR	IG switch ON	9 – 14
		Idling	Pulse generation (See page DI–60)
FSW (E4–8) – E1 (E4–14)	L – BR	At shift position in 1st position	9 – 14
		At other shift position in 1st position	0 – 3
VRP (E5–6) – E2 (E5–9)	G–B – G–R	IG switch ON	0.2 – 4.5
VRT (E5–14) – E2 (E5–9)	L–B – G–R	IG switch ON	0.2 – 4.5